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more welcome to him than the establishment of a permanent fund for this purpose.

The present movement was begun by the formation of a central committee, under the chairmanship of Professor von Graff, the president of the congress, with Professor Boveri as general secretary. This committee designated a number of persons to organize the work in various countries; and to this end national subcommittees have now been formed and are at work in most of the European countries. The American subcommittee includes about thirty biologists, and in addition a considerable number of others whose immediate interests do not lie in the field of scientific study. The hospitality and consideration which so many American students and investigators owe to Professor Dohrn, and the important influence exerted by the station on the progress of American science, justify the hope that this country will make generous response to an appeal for funds. The American subcommittee has formed an executive committee with the following membership:

Charles R. Crane, Chicago, Ill., president of the board of trustees of the Marine Biological Laboratory at Woods Hole.

Charles B. Davenport, director of the Carnegie Station for Experimental Evolution, Cold Spring Harbor, L. I., N. Y.

Frank R. Lillie, University of Chicago, director of the Marine Biological Laboratory, Woods Hole.
Jacques Loeb, Rockefeller Institute, New York, N. Y.

Hon. Seth Low, New York City.

Alfred G. Mayer, director of the Carnegie Marine Laboratory, Tortugas, Fla.

Henry F. Osborn, president of the American Museum of Natural History, New York City.

Stuart Paton, Princeton University.

George H. Parker, Harvard University.

William E. Ritter, director of the San Diego Marine Laboratory, La Jolla, Cal.

Isaac N. Seligman (treasurer), New York City.

Charles D. Walcott, secretary of the Smithsonian Institution, Washington, D. C.

Paul M. Warburg, New York City.

Edmund B. Wilson (chairman), Columbia University, New York, N. Y.

Mr. Seligman has kindly consented to serve as treasurer for the American subcommittee.

Subscriptions of any amount, however small, will be welcomed. Checks should be drawn to the order of the Anton Dohrn Memorial and sent to Mr. Isaac N. Seligman, treasurer, care of J. and W. Seligman & Co., No. 1 William St., New York, N. Y.

EDMUND B. WILSON,
Chairman of the American Subcommittee

COLUMBIA UNIVERSITY,
NEW YORK, N. Y.

SCIENTIFIC NOTES AND NEWS

MR. WALDEMAR LINDGREN, who has been connected with the U. S. Geological Survey since 1884 and since 1907 has been in charge of the investigations of metalliferous deposits and of metal statistics, has been elected chief geologist in succession to Dr. C. Willard Hayes.

It is reported that the Nobel prize for medicine will be awarded this year to Professor Allvar Gullstrand, of the Upsala University, for his work on the dioptries of the eye.

DR. CHARLES R. VAN HISE, president of the University of Wisconsin and formerly professor of zoology, has been elected a fellow of the American Academy of Arts and Sciences, of Boston.

DR. SIMON FLEXNER has received from the German government an appointment as honorary member of the Institute for Experimental Therapy at Frankfort-on-the-Main.

THE doctorate of science has been conferred by the University of Bristol on Mr. A. P. Chattock, sometime professor of physics in the university; Professor Julius Wertheimer, B.Sc., principal of the Merchant Venturers' College and dean of the faculty of engineering in the university, and Professor Sir William Ramsay, F.R.S., sometime principal of University College, Bristol.

MR. ELI S. HAYNES, who has been in charge of the Laws Observatory at the University of Missouri, has been appointed a university fellow in astronomy at the University of California.

Mr. A. B. STOUT, of the University of Wisconsin, has been appointed director of the laboratories of the New York Botanical Garden to succeed Mr. Fred. J. Seaver, who has been transferred to a curatorship.

Dr. EUGENE P. HUMBERT, associate biologist of the Maine Agricultural Experiment Station, has resigned to become agronomist in the Agricultural College and Experiment Station of New Mexico.

SIR WILLIAM E. SMITH, C.B., superintendent of construction accounts and contract work, has been appointed to succeed Sir Philip Watts, K.C.B., F.R.S., as director of naval construction for Great Britain.

PROFESSOR A. J. COOK, the veteran head of the department of biology at Pomona College, Claremont, California, has been appointed by Governor Johnson horticultural commissioner of California. He succeeds Mr. J. W. Jeffrey, who has held the office for seven years. Professor Cook was for many years prior to 1891 connected with the Michigan Agricultural College. He has written a number of books about horticultural subjects and is the author of a manual of apiculture. The position to which he has just been appointed is one of great importance, especially on account of the quarantine measures permissible under the California law and which look toward the prevention of the importation of new insect pests and plant diseases.

E. R. HEDRICK, professor of mathematics; J. L. Meriam, professor of school supervision; M. F. Miller, professor of agronomy, and F. P. Spalding, professor of civil engineering, have returned to the University of Missouri after a year's leave of absence.

PROFESSOR A. E. GUENTHER, of the University of Nebraska, has been granted a leave of absence for the present academic year. He has received a special fellowship in the department of physiology of Columbia University, where he is engaged in research work.

Dr. ARTHUR HOLLICK, curator of the New York Botanical Garden, has been granted a leave of absence for the purpose of continuing his study of the paleobotanical material col-

lected by him in Alaska in 1903, under the direction of the U. S. Geological Survey.

SIR FREDERICK W. MOORE, director of the Royal Botanical Gardens, Dublin, has returned from a visit to the eastern United States and Canada.

Dr. CHARLES W. ELIOT, president emeritus of Harvard University, whose departure for Europe was noted in the last issue of SCIENCE, goes, it is now announced, as a representative of the Carnegie Endowment for International Peace. Dr. Eliot will proceed, *via* the Suez Canal route, to India, and after spending some weeks in that country, will reach China in the month of February. If conditions in China permit, he will make an extended journey through the interior of the country, visiting the leading statesmen and men of affairs and conferring with them as to the objects of his visit. An important part of Dr. Eliot's work will lie in Japan, which he expects to reach in April, 1912. Dr. Eliot will return to the United States in July next.

THE first course of Wagner Free Institute of Science lectures under the Richard B. Westbrook foundation will be delivered early in 1912 by Professor Morris Jastrow, Jr., on "Civilization in Ancient Babylonia and Assyria." The course will consist of five lectures, the exact dates and sub-topics of which will be announced later. The lectures will be free to the public.

At the installation of the honorary fraternity Phi Kappa Phi at the Iowa State College of Agriculture and Mechanic Arts, on October 23, President Edwin E. Sparks, of the State College of Pennsylvania, delivered an address on "Shifting Ideals of Student Life."

Dr. NANSSEN, who is to give an address before the Royal Geographical Society next month, has arranged to arrive in London in time to preside at the lecture which Sir Ernest Shackleton is to deliver on Friday evening, November 3, at the University of London.

A BRONZE monument to the memory of Amedeo Avogadro was unveiled at Turin on September 24, erected, as the result of an international subscription, under the auspices

of the Royal Academy of Sciences of Turin. We learn from *Nature* that the king of Italy presided at the inauguration ceremony, which was attended by nearly all the more eminent Italian chemists and physicists, as well as by a number of representatives of foreign academies, including M. Haller, of the Paris Academy of Sciences; M. Moureu, of the Chemical Society of France; Professor Nernst, of the Chemical Society of Berlin, and M. Guye, of the Geneva Society. The date selected was the centenary of the publication of Avogadro's celebrated memoir.

GEORGE WILLIAM JONES, professor of mathematics at Cornell University from 1877 to 1907, when he became professor emeritus, died on October 29, aged seventy-four years.

M. LOUIS GRANDEAU, formerly general inspector of the French Agricultural Station, has died at the age of seventy-seven years.

PROFESSOR PAUL B. RICHTER, of the Royal Gymnasium at Quedlinburg, Saxony, who devoted much of his time to the study of the Cretaceous fossil plants of that kingdom, died on October 9, at the age of 57.

DR. JULIUS VON MICHEL, professor of ophthalmology and director of the eye clinic of the University of Berlin, has died at the age of sixty-seven.

UNIVERSITY AND EDUCATIONAL NEWS

ANNOUNCEMENT is made that the action brought by the children of the late Mrs. George Crocker to recover the residence at No. 1 East Sixty-fourth street and its contents, which form a part of the legacy given by the late George Crocker to Columbia University for the study of cancer, has been discontinued with the consent of the plaintiffs upon the payment to them by Columbia University of \$60,000, the equivalent of interest at three per cent. for two years on the amount the plaintiffs claimed.

SUBSCRIPTIONS for \$150,000 to meet the conditional pledge of \$50,000 from the General Education Board have been received by Middlebury College. One half of the fund will be reserved for general endowment, while \$50,000 will be expended for a gymnasium.

MOUNT HOLYOKE COLLEGE has received a bequest of \$5,000 from S. Newton Cutter, of Somerville, Mass., the income of which will be used for the purchase of books for the library.

MR. E. B. BURLINGAME, of Providence, has presented to Brown University his botanical herbarium of some 3,000 specimens.

BEGINNING with the session of 1911-12, the University of Missouri will require two years of college work for admission to all professional schools, except the College of Agriculture.

A NEW system of granting honors for university work has been started at the University of Wisconsin. Hereafter, special recognition will be granted at the end of the second year and at graduation. Honors at the end of the sophomore year will be granted for unusual excellence of work carried on in at least two different departments. Graduation honors will be of two kinds. First, honors will be awarded for an exceptionally original and scholarly thesis, without any consideration of the writer's previous record. Second, honors will be granted for a general high average of the required work done throughout the entire course, supplemented by independent work done in at least two subjects.

AT the annual meeting of the Association of American Universities, held at the Reynolds Club of the University of Chicago on October 26 and 27, twenty-one of the leading universities of the country were represented. The principal question before the association was the unification of the requirements for graduate work in major studies. Among those who took a prominent part in the discussion were Presidents Strong, of Kansas; Lowell, of Harvard; Wheeler, of California; Vincent, of Minnesota; Hill, of Missouri; Alderman, of Virginia, and Judson, of Chicago.

YALE, Columbia, Johns Hopkins, Virginia, Illinois and Minnesota have joined in an arrangement for an exchange of professors with Japan. Under the terms of this agreement Japan will be represented for four weeks at each of the above named institutions, the coming year by Dr. Ignazo Nitobe, of Tokio,